

SÓLAS

CONTEMPORARY FIRE

WALL MOUNT VENT FREE GAS FIREPLACES

INSTALLATION & OPERATION MANUAL

MODELS: VF-16NG, VF-16LP, VF-26NG, VF-26LP, VF-46NG, VF-46LP



FORTY6 VF



TWENTY6 VF



ONE6 VF



Report #F19-218



WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Leave the building immediately
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

This appliance may be installed in an aftermarket, permanently located manufactured home (USA only) or in a mobile home, where not pro-hibited by local codes.

This appliance is for use only with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified conversion kit is used.

INSTALLER: Leave this manual with the appliance | **CONSUMER:** Retain this manual for future reference

TABLE OF CONTENTS

Important Safety Information	2
Room Volume for Vent Free	4
Specifications	6
Assembly & Installation	10
Lighting & Operation	20
Remote Handset Operation	22
Maintenance	29
Maintenance Log	30
Replacement Parts List	31
Control Schematic	32
Installation Record	33
Warranty Information	34

IMPORTANT SAFETY INFORMATION

WARNING:

- Any change to this heater or its controls can be dangerous.
 - Improper installation or use of the heater can cause serious injury or death from fire, burns, explosion or carbon monoxide poisoning.
 - Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.
 - Do not use a blower insert, heat exchanger insert or other accessory, not approved for use with this heater.
-
1. Due to high temperatures, the heater should be located out of traffic and away from furniture and draperies.
 2. Children and adults should be alerted to the hazard of high surface temperature and should stay away to avoid burns or clothing ignition.
 3. Young children should be carefully supervised when they are in the same room with the heater.
 4. Do not place clothing or other flammable material on or near the heater.
 5. Any safety screen or guard removed for servicing an appliance, must be replaced prior to operating the heater.
 6. Installation and repair should be done by a qualified service person. The heater should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to extensive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the heater be kept clean.
 7. To prevent malfunction and/or sooting, an unvented gas heater should be cleaned before use and at least annually by a professional service person.
 8. **CARBON MONOXIDE POISONING:** Early signs of carbon monoxide poisoning are similar to the flu with headaches, dizziness and/or nausea. If you have these signs, obtain fresh air immediately. Have the heater serviced as it may not be operating properly.
 9. The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA54.
 10. This unit was tested BY OMNI Test Laboratories Inc. and listed to ANSI Z21.11.2-2013 by PFS TECO.
 11. This appliance is approved for installation in the Commonwealth of Massachusetts. The Board of State Examiners of Plumbers and Gas Fitters has approved these appliances.
 12. Do not install this heater in a bathroom or bedroom.

IMPORTANT SAFETY INFORMATION

13. Correct installation of the fire media, proper location of the heater, and annual cleaning are necessary to avoid potential problems with sooting. Sooting, resulting from improper installation or operation, can settle on surfaces outside the fireplace. See media placement instructions for proper installation.
14. **WARNING:** Avoid any drafts that alter burner flame patterns. Do not allow fans to blow directly into fireplace. Do not place a blower inside burn area of firebox. Ceiling fans may create drafts that alter burner flame patterns. Sooting and improper burning will occur.
15. **Caution:** Candles, incense, oil lamps, etc. produce combustion by-products including soot. Vent Free heaters will not filter or clean soot produced by these types of products. In addition, the smoke and/or aromatics (scents) may be reburned in the vent free heater which can produce odors. It is recommended to minimize the use of candles, incense, etc. while the vent free heater is in operation.
16. Keep room area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
17. This appliance is intended for supplemental heating.
18. Unvented gas heaters emit moisture into the living area. In most homes of average construction, this does not pose a problem. In houses of extremely tight construction, additional mechanical ventilation is recommended.
19. During manufacturing, fabricating and shipping, various components of this heater are treated with certain oils, films or bonding agents. These chemicals are not harmful but may produce annoying smoke and smells as they are burned off during the initial operation of the heater; possibly causing headaches or eye or lung irritation. This is a normal and temporary occurrence. The initial break-in operation should last four to six hours with the burner at the highest setting. Provide maximum ventilation by opening windows or doors to allow odors to dissipate. The amount of time required for the initial break-in is dependent on a number of variables determined by your specific installation including but not limited to surfaces and surface finishes adjacent to the fireplace which may off gas for some period of time. Any odors remaining after this initial break-in period will be slight and will disappear with continued use.
20. Input ratings are shown in BTU per hour and are for elevations up to 2,000 feet. If your installation is at an elevation greater than these, consult with the local authority having jurisdiction for gas product installations to determine their specific requirements for high altitude installations.
21. The heater must be isolated from the gas supply piping system by closing its equipment shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).
22. Do not use this room heater if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.
23. Never burn solid fuels in a fireplace where an unvented heater is installed.
24. **WARNING:** Any change to this heater or its controls can be dangerous.

ROOM VOLUME FOR VENT FREE

CODES

Adhere to all local codes or, in their absence, the latest edition of THE NATIONAL FUEL GAS CODE ANSI Z223.1 or NFPA54 which can be obtained from...

American National Standards Institute, Inc. or National Fire Protection Association, Inc.
1430 Broadway New York, NY 10018 Battery March Park Quincy, MA 02269

ADEQUATE COMBUSTION AND VENTILATION AIR

This heater shall not be installed in a confined space or unusually tight construction unless provisions are provided for adequate combustion and ventilation air.

The National Fuel Gas Code, (ANSI Z223.1/NFPA 54), defines a *confined* space as a space whose volume is less than 50 cubic feet per 1,000 BTU per hour (4.8 m³ per kw) of the aggregate input rating of all appliances installed in that space. An *unconfined* space is defined as a space whose volume is not less than 50 cubic feet per 1,000 BTU per hour (4.8 m³ per kw) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed, through openings not furnished with doors, are considered a part of the unconfined space.

UNUSUALLY TIGHT CONSTRUCTION IS DEFINED AS CONSTRUCTION WHERE...

- walls and ceilings exposed to the outside atmosphere have a continuous water vapor retarder with a rating of 1 perm (6 x 10⁻¹¹ kg per pa-sec-m²) or less with openings gasketed or sealed;
- weather stripping has been added on operable windows and doors, and
- caulking or sealants are applied to areas such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical, and gas lines, and at other openings.

WARNING:

This heater shall not be installed in a room or space unless the required volume of indoor combustion air is provided by the method described in the National Fuel Gas Code, ANSI Z223.1/NFPA 54, the International Fuel Gas Code, or applicable local codes.

This is an unvented gas-fired heater, it uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided.

ROOM VOLUME FOR VENT FREE

The following formula can be used to determine the maximum heater rating (per the definition of unconfined space) that is allowed in your space:

$$\text{Maximum BTU/Hr.} = \frac{(L)\text{ft} \times (W)\text{ft} \times (H)\text{ft}}{50} \times 1000$$

Example A: Consider a room with the following dimensions: L=16ft, W=14ft, H=8ft

$$\frac{(16)\text{ft} \times (14)\text{ft} \times (8)\text{ft}}{50} \times 1000 = 35,840 \text{ BTU/Hr.}$$

Example B: Consider a room with the following dimensions: L1=16ft, W1=14ft, H1=8 which is communicating directly with the space in a second room through openings not furnished with doors having the following dimensions: L2=14ft, W2=12ft, H2=8

$$\text{Maximum BTU/Hr.} = \frac{((L1)\text{ft} \times (W1)\text{ft} \times (H1)\text{ft}) + ((L2)\text{ft} \times (W2)\text{ft} \times (H2)\text{ft})}{50} \times 1000$$

With data input into the equation:

$$\frac{((16)\text{ft} \times (14)\text{ft} \times (8)\text{ft}) + ((14)\text{ft} \times (12)\text{ft} \times (8)\text{ft})}{50} \times 1000 = 62,720 \text{ BTU/Hr.}$$

Will my space support a SÓLAS Wall Mount Vent Free Gas Fireplace?

Maximum BTU/Hr. my space will support (use formula above) a) _____

BTU/hr. of SÓLAS Wall Mount Vent Free Gas Fireplace b) _____

If the answer to a) is **greater** than b) then your space **will** support the installation of a SÓLAS Wall Mount Vent Free Gas Fireplace; if a) is **less** than b) then your space **will not** support a SÓLAS Wall Mount Vent Free Gas Fireplace.

Bringing in Outside (or “Make-up”) Air:

Many building code jurisdictions require that outside or “make-up” air be provided when installing a fireplace of this type. This requirement can be satisfied by the proper installation of an ‘outside air kit’ which is not provided. The final determination of the suitability of any particular kit must be made by the installer.

If an outside air supply is desired it should be added to the room in which the SÓLAS Wall Mount Vent Free Gas Fireplace is installed, not to the chase enclosing the fireplace.

If outside air is introduced into the chase, competing air pressures could compromise the operation of the fireplace.

SPECIFICATIONS

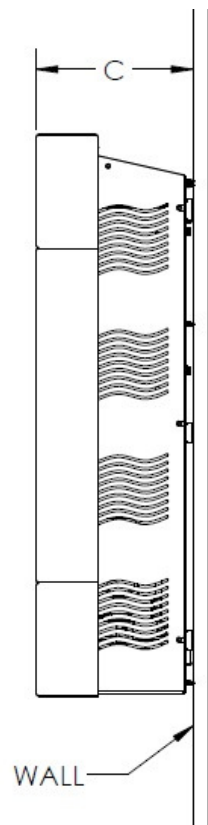
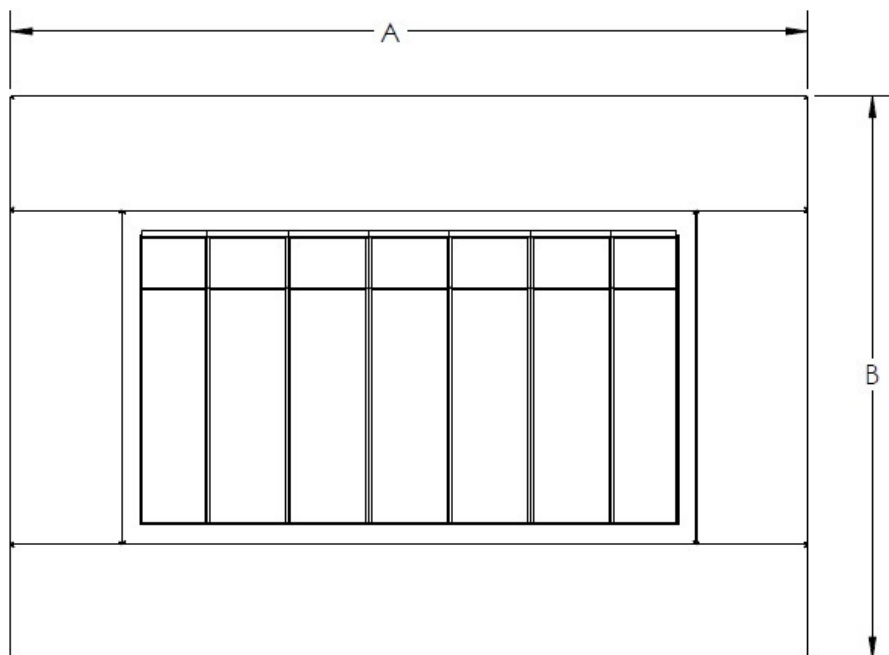
NATURAL GAS SPECIFICATION CHART			
INPUT	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Input Rating BTU/Hr.	16,000	26,000	37,000
Min. Input BTU/Hr.	12,500	16,000	23,000
Orifice Size - DMS	#51	#46	#38
GAS SUPPLY	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Manifold Pressure (High)	4.8" w.c. / 1.2kPa	4.8" w.c. / 1.2kPa	3.9" w.c. / 1.0kPa
Manifold Pressure (Low)	3.0" w.c. / 0.75kPa	2.3" w.c. / 0.57kPa	2.1" w.c. / 0.52kPa
Min. Supply Pressure	5.5" w.c. / 1.4kPa	5.5" w.c. / 1.4kPa	5.5" w.c. / 1.4kPa
Max. Supply Pressure	10.0" w.c. / 2.5kPa	10.0" w.c. / 2.5kPa	10.0" w.c. / 2.5kPa

PROPANE (LP) SPECIFICATION CHART			
INPUT	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Input Rating BTU/Hr.	18,000	30,000	37,000
Min. Input BTU/Hr.	11,000	19,000	25,000
Orifice Size – DMS	#55	#52	#50
GAS SUPPLY	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Manifold Pressure (High)	10.0" w.c. / 2.5kPa	10.0" w.c. / 2.5kPa	10.0" w.c. / 2.5kPa
Manifold Pressure (Low)	3.9" w.c. / 1.0kPa	4.3" w.c. / 0.75kPa	4.8" w.c. / 1.2kPa
Min. Supply Pressure	11.0" w.c. / 2.8kPa	11.0" w.c. / 2.8kPa	11.0" w.c. / 2.8kPa
Max. Supply Pressure	13.0" w.c. / 3.3kPa	13.0" w.c. / 3.3kPa	13.0" w.c. / 3.3kPa

WARNING: This appliance is equipped for use with the fuel type indicated on the rating plate. Field conversion is not permitted.

- It is recommended that the pilot flame be turned off if the appliance will not be in use for an extended period of time.

SPECIFICATIONS



	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Dimension "A"	23 1/2"	38 1/4"	58 3/8"
Dimension "B"	30"	27 1/4"	25 1/4"
Dimension "C"	7 5/8"	7 5/8"	8"

OTHER CONSIDERATIONS:

Several issues must be addressed when selecting a suitable location for your SÓLAS Wall Mount Vent Free Gas Fireplace. The minimum clearances to combustible construction is listed on the following page. In addition, access to the gas supply must be considered and room volume for vent free combustion (see pages 4 & 5).

The gas fireplace is shipped with a 3/8" tube OD (male) connection. The gas supply piping should have a separate gas shutoff valve and a 1/8" NPT plugged tapping upstream of the valve. The stove and its main control valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa). The stove must be isolated from the gas supply piping system by closing the main control valve during any pressure testing of the gas supply system at test pressures equal to or greater than 1/2 psi (3.5 kPa). After the gas supply has been connected, use a commercial gas leak detector or apply a soapy water solution to all the fittings to check for gas leaks. Never use a flame to test for leaks.

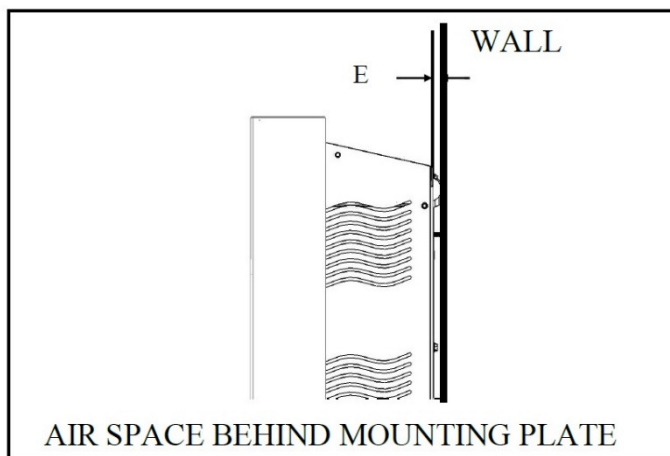
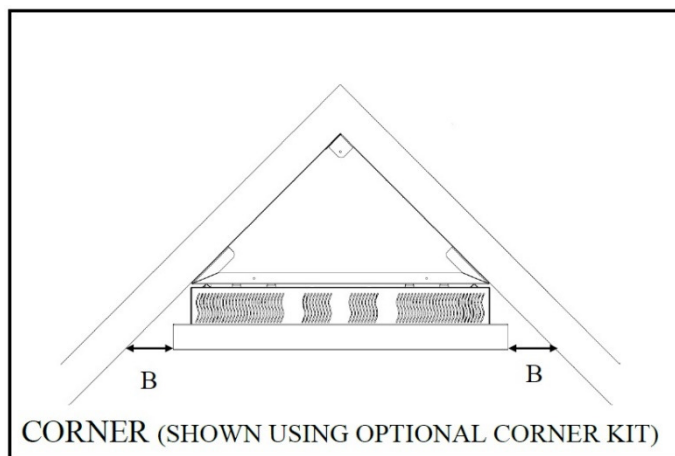
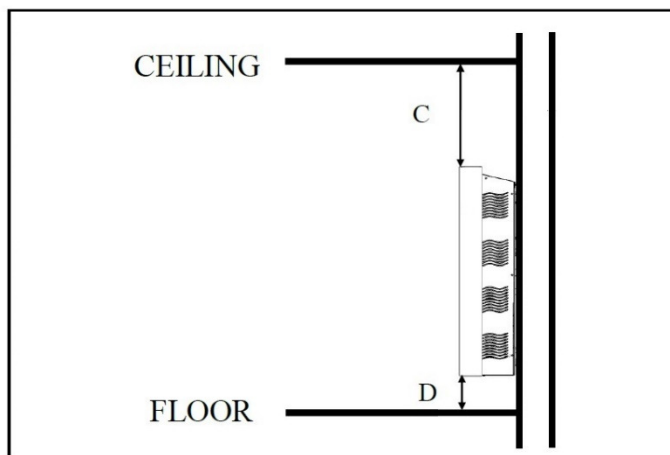
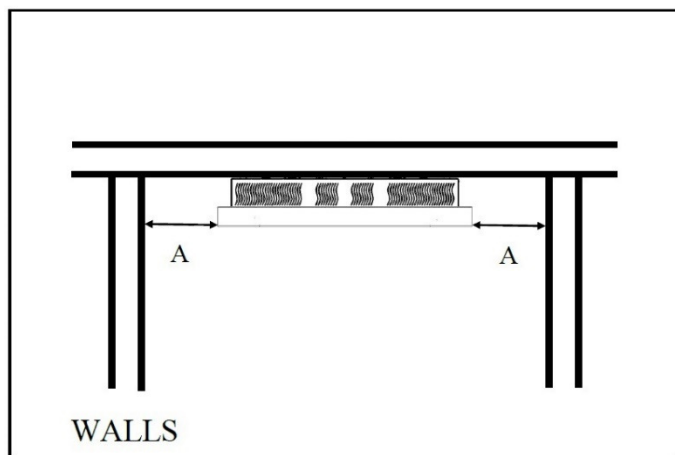
SPECIFICATIONS

MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION			
	ONE ⁶ VF	TWENTY ⁶ VF	FORTY ⁶ VF
Fireplace to Left Side Wall - (Dimension "A")	6"	6"	6"
Fireplace to Right Side Wall - (Dimension "A")	6"	6"	6"
Fireplace to Corner Side Wall - (Dimension "B")	6"	6"	6" *
Fireplace to Ceiling (Dimension "C")	12"	12"	12"
Fireplace to Floor (Dimension "D")	3" **	3" **	3" **
Fireplace to Rear Wall	0" ***	0" ***	0" ***
Air Space Behind Mounting Plate (Dimension "E")	5/16"	5/16"	3/8"
Floor to Ceiling Overall Minimum Dimension	45"	42 1/4"	40 1/4"

*Optional Corner Kit not available for the FORTY⁶ VF

**The minimum required clearance to be maintained from the fireplace to combustible flooring is measured from the top surface of carpeting, tile, etc.

***Mounting plate bosses contact the wall.




SPECIFICATIONS

CERTIFICATION

PFS TECO has certified that the SÓLAS Wall Mount Vent Free Gas Fireplaces meet the ANSI Z21.11.2-2013 standard.

These appliances are approved for installation in the Commonwealth of Massachusetts. The Board of State Examiners of Plumbers and Gas Fitters has issued approved these appliances.

SÓLAS - VENT FREE GAS FIREPLACE	
SERIAL NUMBER: VF-	
<input type="checkbox"/> SÓLAS ONE6 VF	
THIS FIREPLACE IS EQUIPPED FOR:	
<input type="checkbox"/> Natural Gas Model: VF-16NG	<input type="checkbox"/> Propane Model: VF-16LP
Input Rating - BTU/h _g	16,000
Min. Input Rating - BTU/h _g	12,500
Orifice - DMS	#51
Manifold Pressure	4.8" w.c. / 1.2kPa
Min. Supply Pressure	5.5" w.c. / 1.4kPa
Max Supply Pressure	10.0" w.c. / 2.5kPa
<input type="checkbox"/> SÓLAS TWENTY6 VF	
THIS FIREPLACE IS EQUIPPED FOR:	
<input type="checkbox"/> Natural Gas Model: VF-26NG	<input type="checkbox"/> Propane Model: VF-26LP
Input Rating - BTU/h _g	26,000
Min. Input Rating - BTU/h _g	16,000
Orifice - DMS	#46
Manifold Pressure	4.8" w.c. / 1.2kPa
Min. Supply Pressure	5.5" w.c. / 1.4kPa
Max Supply Pressure	10.0" w.c. / 2.5kPa
<input type="checkbox"/> SÓLAS FORTY6 VF	
THIS FIREPLACE IS EQUIPPED FOR:	
<input type="checkbox"/> Natural Gas Model: VF-46NG	<input type="checkbox"/> Propane Model: VF-46LP
Input Rating - BTU/h _g	37,000
Min. Input Rating - BTU/h _g	23,000
Orifice - DMS	#38
Manifold Pressure	3.9" w.c. / 1.0kPa
Min. Supply Pressure	5.5" w.c. / 1.4kPa
Max Supply Pressure	10.0" w.c. / 2.5kPa
MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION	
FIREPLACE SURROUND TO L. SIDE WALL	6"
FIREPLACE SURROUND TO R. SIDE WALL	6"
FIREPLACE SURROUND TO CORNER WALL	6"
FIREPLACE SURROUND TO CEILING WALL	12"
FIREPLACE SURROUND TO REAR WALL	0"
FIREPLACE SURROUND TO FLOOR	3"
*The minimum required clearance to be maintained from the fireplace to combustible flooring is measured from the top surface of carpeting, tile, etc.	
CAUTION: Hot while in operation. Do Not Touch. Severe burns may result. Keep children, clothing, furniture, gasoline and other liquids having flammable vapors away.	
WARNING: When used without adequate combustion and ventilation air, heater may give off excessive CARBON MONOXIDE, an odorless, poisonous gas.	
Keep burner and control compartment clean. See installation and operating instructions accompanying heater.	
	
Manufactured by: Progressive Manufacturing Inc. 4 Technology Drive, West Lebanon, NH 03784 U.S.A.	
REPORT# F19-218	

SÓLAS - VENT FREE GAS FIREPLACE	
This product has been certified by PFS TECO to ANSI Z21.11.2-2013 Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters. This appliance must be installed in accordance with local codes, if any; if none, follow the ANSI Z223.1. Installation and service must be performed by a qualified installer, service agency or the gas supplier.	
This appliance shall not be field converted.	
WARNING: Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this heater.	
WARNING: Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Refer to the owner's information manual provided with this appliance. Installation and service must be performed by a qualified installer, service agency or the gas supplier.	
This appliance shall not be installed in a bedroom or bathroom.	
This appliance is intended for supplemental heating.	
Failure to use only parts specifically approved with this heater may result in property damage or personal injury. See instruction manual for further information.	
This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home, where not prohibited by local codes.	
This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not field convertible for use with other gases.	
DO NOT INSTALL HEATER UNTIL ALL NECESSARY PROVISIONS ARE MADE FOR COMBUSTION AND VENTILATION AIR. CONSULT THE WRITTEN INSTRUCTIONS PROVIDED WITH THE HEATER FOR INFORMATION CONCERNING COMBUSTION AND VENTILATION AIR. IN THE ABSENCE OF INSTRUCTIONS, REFER TO THE NATIONAL FUEL GAS CODE, ANSI Z223.1/NFPA 54, AIR FOR COMBUSTION AND VENTILATION, OR APPLICABLE LOCAL CODES.	
This heater is equipped with a PILOT LIGHT SAFETY SYSTEM designed to turn off the heater if not enough fresh air is available.	
DO NOT TAMPER WITH THE PILOT LIGHT SAFETY SYSTEM!	
CARBON MONOXIDE POISONING MAY LEAD TO DEATH.	
Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness and/or nausea. If you have these signs, the heater may not be working properly.	
<u>Get fresh air at once! Have heater serviced.</u>	
Some people - pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitudes - are more affected by carbon monoxide than others.	
If heater shuts off, do not try to relight until you provide fresh air. If heater keeps shutting off, have it serviced. Keep burner and control compartment clean.	
Removal of this marking will void compliance of this heater with ANSI Z21.11.2	

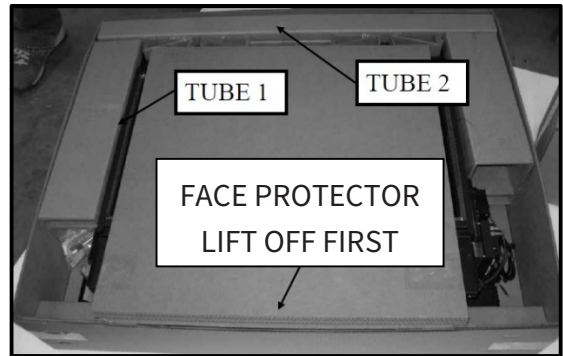
Sample Rating Label (affixed to RH side of firebox)

ASSEMBLY & INSTALLATION

UNPACKING AND INSTALLING THE SÓLAS VENT FREE GAS FIREPLACE

The fireplace components are shipped in two cartons. By now, you will have opened the top of the first carton and removed the front face protector and this Manual. The second carton contains the fireplace surround assembly.

1. Using the adjacent illustrations as a guide, first lift and remove Tube 1 from the carton containing the firebox. Carefully unpack the contents of the tube and set aside. This should include the bag of glass burner media, the remote control handset, and a hardware bag.
2. Next lift and remove Tube 2 from the carton. Carefully remove the contents of the tube. This includes the four decorative panels that will be attached to the fireplace during assembly.
3. Next, remove all remaining packing material from the carton.
4. Lift the firebox and the fireplace mounting plate as a unit up and out of the carton. The best place to lift is at sides. Remove the fireplace mounting template from the face of the fireplace. You should now have all of the parts as shown in the illustration below.
5. Finally, unpack the fireplace surround from the third carton and set aside on a soft surface for later use.



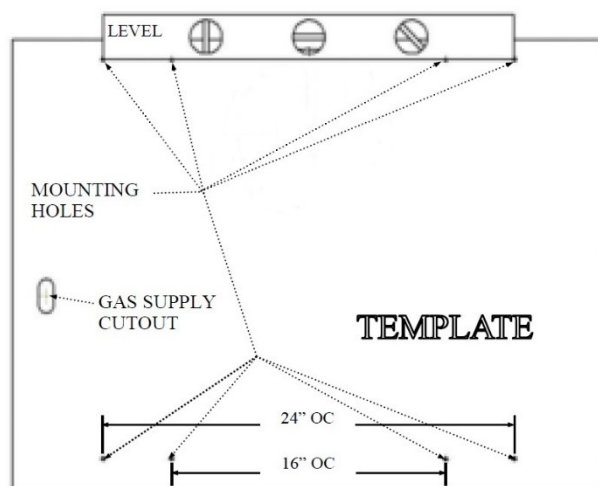
ASSEMBLY & INSTALLATION

Before you begin the fireplace mounting process there are several important installation requirements that must be met. Careful planning will make the installation easier to accomplish and will reduce the chances of encountering problems during installation.

1. The fireplace is designed to be wall-mounted using four lag bolts to secure the fireplace mounting plate to the wall structure. The mounts are located 16" on center and 24" on center to correspond with standard building construction. If your home has non-standard construction or the location you have chosen for the fireplace does not have wall studs that correspond to location of the fireplace mounts, modifications to the wall structure will be needed. It is critical that the four lag bolts that are provided for mounting the fireplace are firmly imbedded into the wall structure at all four locations.
2. All required minimum clearances to adjacent combustible materials (including side walls, ceiling and floor) must be achieved with the location you have chosen. See the clearance information on page 8. The listed clearances are measured from the outermost front edges of the fireplace surround and not from the fireplace body or mounting plate. Again, plan the installation in advance to avoid problems.
3. The gas supply line must be located within a specific area behind the fireplace. Use the provided wall template as a guide when locating the gas supply line pass-through.

Once you are certain that the location you have chosen meets all the necessary mounting and safety requirements, you can begin the installation.

1. Tape or pin the installation template to the wall in the position where the fireplace is to be mounted. Note: It is important that the fire-place is mounted in a level position. Use a spirit level placed on the cross-hairs in the upper mounting holes on the template and adjust the template position until the mounting holes are level. Refer to the adjacent illustration.
2. Next, carefully transfer the location of the two upper and two lower mounting holes that you will use for your installation. Use a sharp nail, awl or pin to pierce the template on the mounting hole cross-hairs to insure an accurate transfer to your wall.
3. Finally, transfer the location of the gas supply line.
4. Remove the template and circle the transferred locations with a pencil or marker.



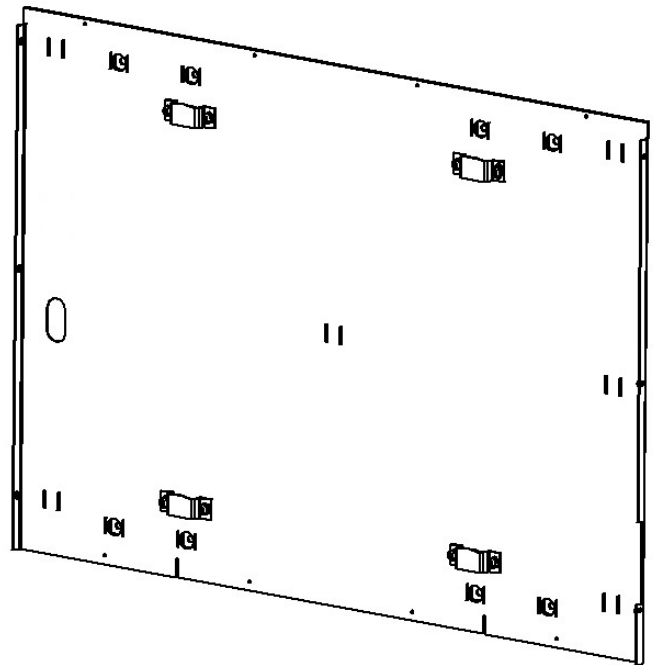
ASSEMBLY & INSTALLATION

GAS SUPPLY LINE

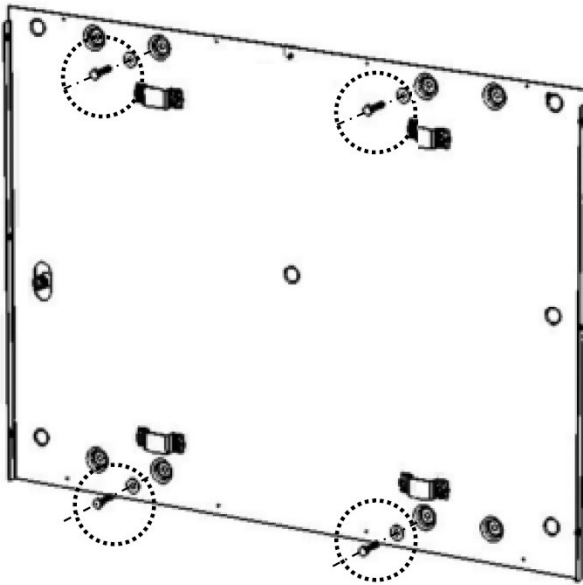
The supply line should exit the wall that the fireplace will be installed on at the location specified on the installation template we suggest the installation of a shut-off valve in the supply line between the wall and the connection to the fireplace. Your professional gas installer or local gas company will determine the specific requirements for the gas supply line as the requirements may vary in different locations. In every case, the installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1.

INSTALLING THE FIREPLACE MOUNTING PLATE ON THE WALL

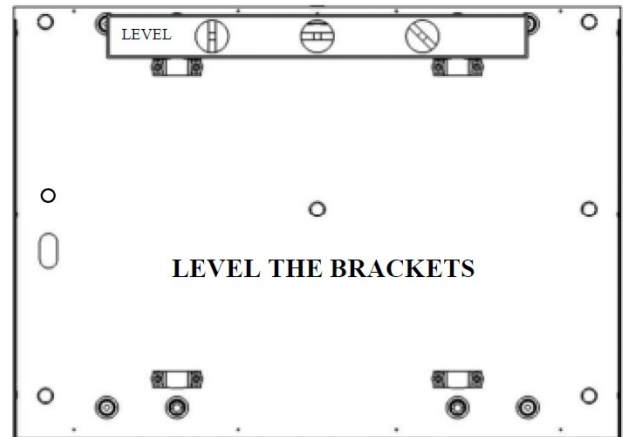
1. The fireplace mounting plate is attached to the wall structure using four 1/4" X 1 1/2" long lag bolts and large diameter washers that are provided with the fireplace. It is important to use the included hardware as the full weight of the fireplace is supported by the mounting plate.
2. Drill a 5/32" diameter pilot hole at each of the mounting hole locations that you marked using the template. The pilot holes should be the full depth of the lag bolts. Be sure that there is solid wood at each mounting location. If not, the wall should be reconstructed to provide the needed support.
3. With a helper pick up and align the mounting plate over the gas supply line and line up with the four mounting lag bolt pilot holes. These holes are in recessed bosses. Use either the 16" or 24" on center holes depending on the construction of the wall.
4. Using the lag bolts and washers provided with the fireplace, install the top lag bolts (with washers) first, followed by the lower ones. Use a 7/16" socket wrench to tighten the lag bolts. Note: It may be helpful to put a light coating of dish or hand soap on the lag bolts to reduce resistance when tightening.
5. At this point, check to be sure that there is an air gap between the entire flat back surface of the mounting plate and the wall surface (see clearance chart on page 9 for the air gap required for your model). This gap is critical to a safe installation and if the gap is obstructed in any way, remove the obstruction before proceeding.
6. Next check that the brackets on the mounting plate that actually hold the fireplace are level, again using a spirit level. If the brackets are not perfectly level, you can adjust the right bracket by loosening the bracket fasteners and moving the bracket until it is level with the left bracket. Remember to tighten the bracket fasteners once you have achieved a level position. (refer to images on following page)



ASSEMBLY & INSTALLATION

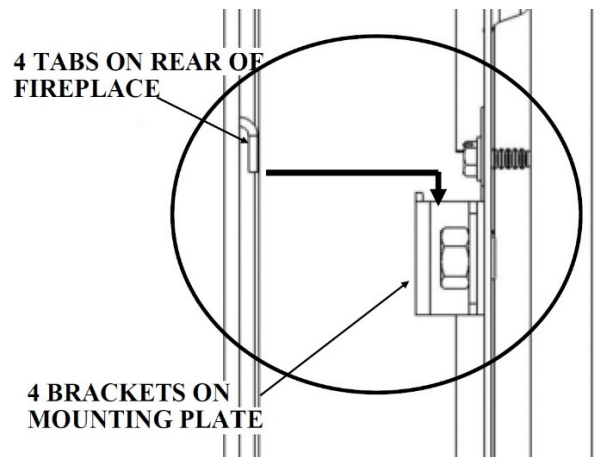


LAG BOLTS & WASHERS



7. You are now ready to install the fireplace on the mounting plate, this will require a helper as the fireplace is quite heavy.

8. While looking in from the sides, guide the upper and lower mounting tabs on the back of the fire-place into the corresponding brackets on the mounting plate. When the tabs and brackets are aligned, push the fireplace down and in to engage the tabs in the brackets. Note: The weight of the fireplace is carried only on the top brackets. The bottom brackets function simply to keep the bot-tom of the fireplace from moving. Refer to the adjacent illustration.

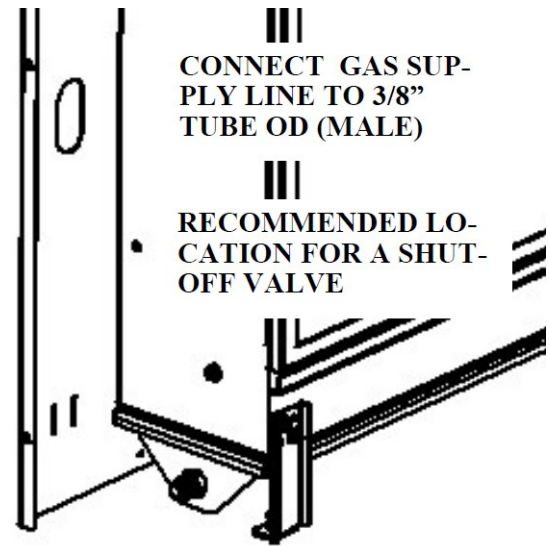


9. Once more, confirm that the fireplace is level using the spirit level used in the preceding steps. The fireplace is now ready for the gas connection to be made.

ASSEMBLY & INSTALLATION

GAS CONNECTION

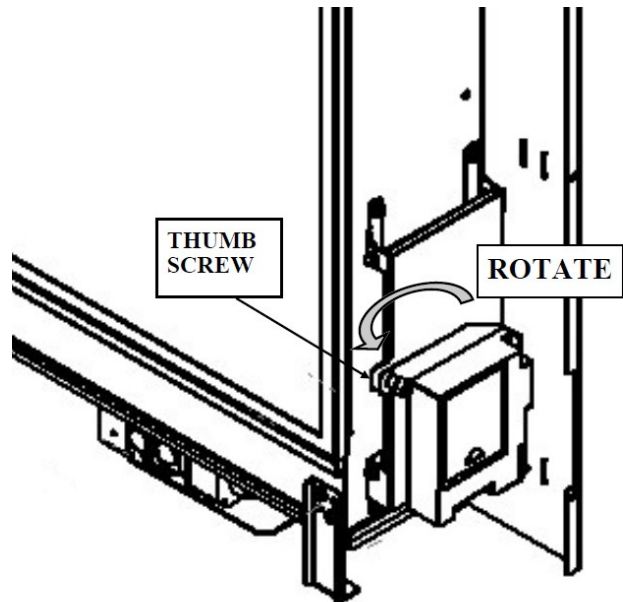
1. Verify that the gas type is correct for the fireplace by looking at the rating plate that is attached to the right side of the fire-place, adjacent to the control battery pack. Note: The fireplace is shipped from the factory equipped to burn the fuel listed on the rating plate. Fuel conversion in the field is not allowed.
2. The gas connection should now be made from the gas supply line to the 3/8 OD Tube fitting on the fireplace. Only a qualified gas installer is to make the connection.
3. The gas supply piping should have a separate gas shut-off valve and a 1/8" NPT plugged tapping upstream of the valve. We recommend installing a shut-off valve between the gas supply line where it penetrates the wall / fireplace mounting plate and the inlet on the fireplace. This will allow gas to be shut-off to the fireplace by simply removing the fireplace surround to gain access to the shut-off valve.
4. The fireplace and its main burner valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5kPa).
5. The fireplace must be isolated from the gas supply piping system by closing the gas shut-off valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 psi (3.5kPa). After the gas supply has been connected, use a commercial gas leak detector or apply a soapy water solution to all the fittings to check for gas leaks. Never use a flame to test for leaks.



ASSEMBLY & INSTALLATION

INSTALLING OR REPLACING THE BATTERIES

1. The valve control module is powered by four “AA” batteries. The batteries are mounted within the Valve Receiver Module located on the right side of the fireplace attached to a drop-down mounting bracket for easy accessibility. Refer to the adjacent illustration.
2. Loosen the thumb screw on the module drop-down mounting bracket by turning counter-clockwise until the threads are fully disengaged from the base bracket.
3. Rotate the Valve Receiver Module and mounting bracket. Toward you 90 degrees.
4. Slide off the Battery compartment cover.
5. Install the 4 “AA” batteries, supplied, using the guides inside the battery pack to show you the correct battery orientation.
6. Replace the battery compartment cover. Rotate the Valve Receiver Module and mounting bracket into its home position and tighten the thumb screw to secure.
7. The remote handset is powered by three “AAA” batteries. The access panel is located on the back of the handset and simply snaps open to provide access to the battery compartment. Install the three batteries as shown on the label inside the remote control battery compartment.
8. Replace the remote handset access panel.



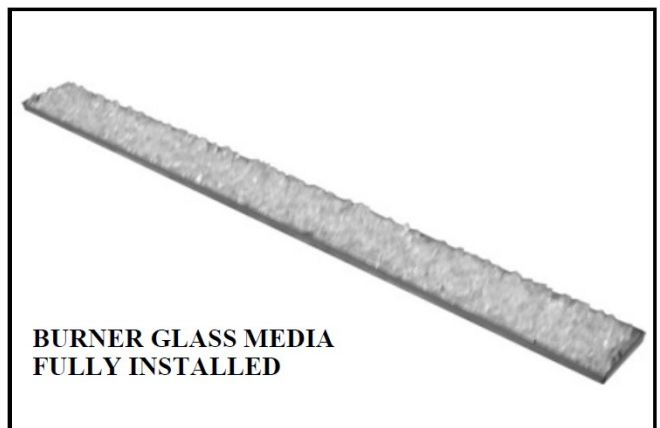
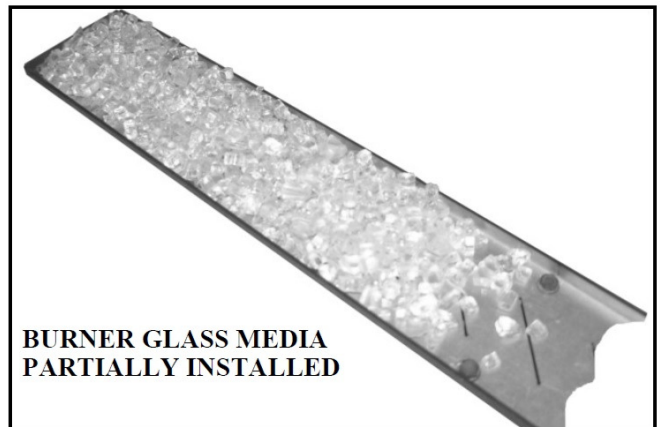
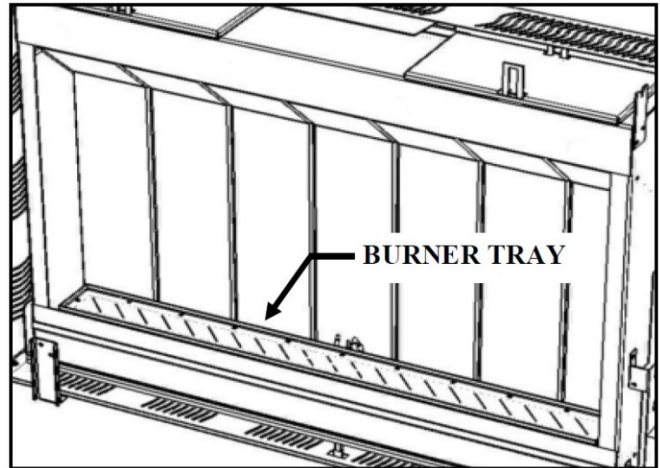
ASSEMBLY & INSTALLATION

PLACING THE BURNER GLASS MEDIA

The burner glass media poly-bag that you set aside when you unpacked the fireplace contains the correct amount of glass material to cover the burner. DO NOT add any additional media to the media supplied with your fireplace. The entire contents of the bag should be evenly distributed over the burner tray.

1. Locate the burner in the fireplace. Refer to the adjacent illustration.
2. Carefully clip one corner of the poly-bag to form a pouring spout. The opening should be large enough to allow the glass media to flow but not so large that you can't control the flow.
3. You will notice that the burner surface is designed with turned-up edges that form a tray to hold the glass media.
4. Starting at one end, pour the glass media onto the burner tray, keeping the pouring spout on the poly-bag toward the center of the burner to avoid spillage of glass pieces over the sides of the burner. See the adjacent illustrations.
5. Once you have poured all of the glass burner media into the burner tray, carefully smooth the glass pieces out so they have a uniform depth over the entire surface of the burner. When the burner glass media is properly placed, it should look like the adjacent illustrations.

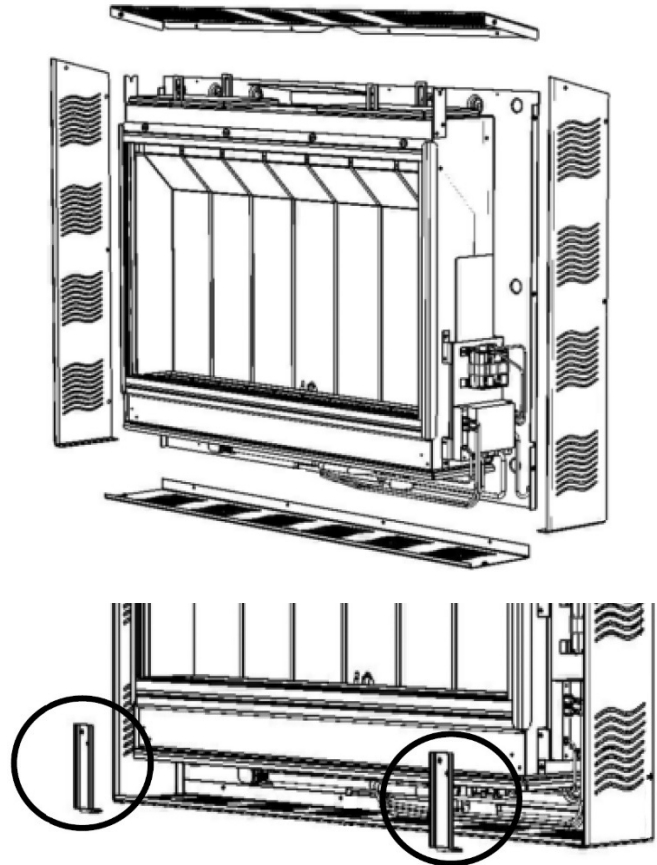
Note: If a few pieces of glass escape over the edges of the burner tray during installation, it is not a problem. They will simply land in the area below the burner and will do no harm.



ASSEMBLY & INSTALLATION

INSTALLING OUTER PANELS

1. The four outer decorative panels are secured to the fire-place with Philips head screws. The top and bottom panels are secured to the fireplace mounting plate with sheet metal screws. All other screws are Philips head machine screws.
2. Install the top panel first. Align the three holes along the rear edge of the panel with pilot holes along the top edge of the fireplace mounting plate.
3. Insert and tighten the three sheet metal screws. A magnetic nut driver is helpful.
4. Install the left side panel next. Align the three holes along the rear edge of the panel with the PEM nuts along the edge of the fireplace mounting plate. Insert the three Philips head screws but do not fully tighten.
5. Locate the fastener hole at the top front edge of the left side panel and align with the PEM nut in the front of the top panel. Insert the Philips head screw.



LOWER SURROUND BRACKETS

6. Make sure the edges of the panel are aligned with the edges of the top panel and mounting plate and tighten all four Philips head screws.
7. Position the right side panel so it aligns with the three PEM nuts on the mounting plate and the front PEM nut on the top panel. Align the rear and top panel edges with the adjoining parts and insert and tighten the four Philips head screws.
8. Install the bottom panel next. Guide the rear flange on the panel upward until the mounting holes in the flange line up with the pilot holes in the mounting plate.
9. Attach the panel to the mounting plate using sheet metal screws along the back edge of the panel. Note: It may make installation of the sheet metal screws easier if you remove the two lower surround mounting brackets from the front of the fireplace, replace brackets before operating fireplace. A magnetic nut-driver will also be helpful.
10. Attach the bottom panel to the side panels by aligning the fastener holes in the bottom panel with the PEM nuts in the front corners of the bottom flanges on the side panels. Insert and tighten the two Philips head screws.

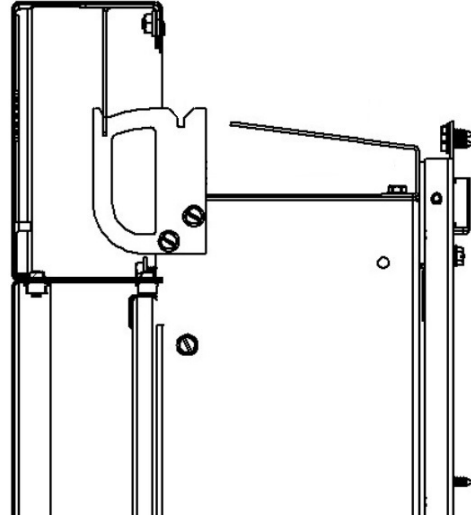
Only trim kit(s) supplied by the manufacturer shall be used in the installation of this appliance.

ASSEMBLY & INSTALLATION

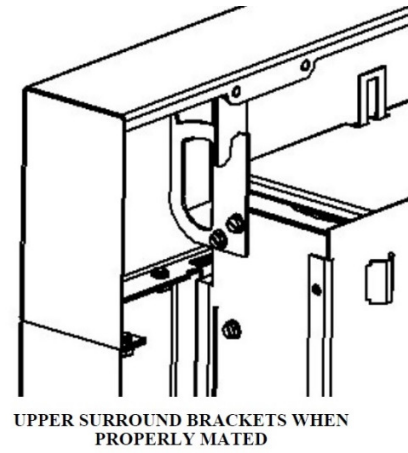
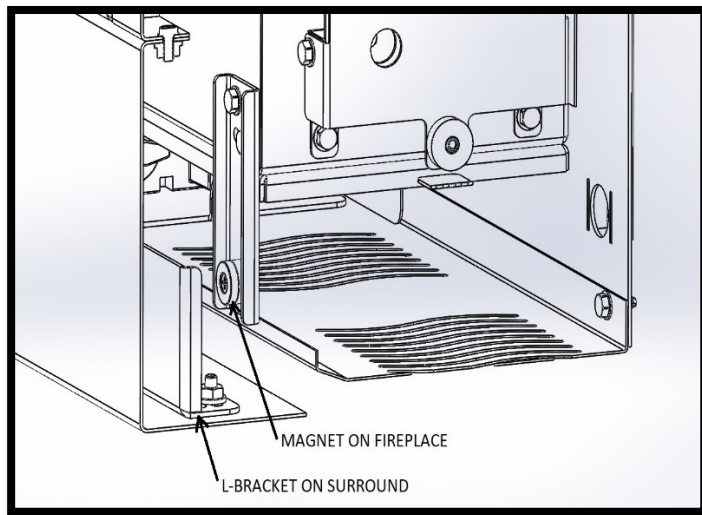
INSTALLING THE FIREPLACE SURROUND WITH INTEGRATED SCREEN

The decorative surround with integrated screen for the fireplace is held in place by four brackets. Two are located on the top of the fireplace and two on the bottom. There are mating brackets and catch plates on the surround itself. Refer to the adjacent illustrations when installing the surround.

1. Unpack the surround with integrated screen from shipping box.
2. With a helper, lift the surround with integrated screen up and identify the top by looking for the vertical brackets that are visible from the rear of the surround.
3. Move the surround with integrated screen into place, generally centering the surround opening over the glass panel. Keep the bottom of the surround tipped slightly away from the fireplace.



4. While looking behind the surround with integrated screen, guide the two surround brackets onto the forward detent of the mating brackets on the fireplace top. You might find it easier to engage one bracket and then the other. Lower the surround until both bracket sets are fully mated.
5. Carefully swing the bottom of the surround with integrated screen toward the base of the fireplace until each of the L brackets on the surround are aligned with the magnets on the fireplace, holding the bottom of the surround securely on the fireplace.
6. To remove the surround with the integrated screen, pull the bottom edge of the surround outward to disengage the magnets and then lift the top up and off the upper brackets.
7. To prevent damage to the surround with integrated screen, always set the surround with integrated screen in a safe place while it is removed from the fireplace.



LIGHTING & OPERATION

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

When lighting this appliance, follow these instructions exactly.

A. This appliance is equipped with an ignition device that automatically lights the pilot. Do not try to light the pilot by hand.

B. BEFORE OPERATING THE BURNER SYSTEM, smell around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light the appliance.
 - Do not touch any electric switch; do not use any telephone in your building.
 - Immediately call your gas supplier from a neighbor's telephone. Follow the gas supplier's instructions
 - If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to operate the gas controls. Never use tools. If a knob will not push in or turn by hand, don't try to re-pair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system which has been under water.

OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. This appliance is equipped with an ignition device that automatically lights the pilot. Do not try to light the pilot by hand.
3. Using the Remote Handset, or the optional Wall Switch, push the "OFF" ⏻ button until you hear an audible signal to insure the appliance is off.
4. Wait five (5) minutes to clear out any gas. Then smell for gas including near the floor. If you smell gas, STOP! Follow "B" in the safety information above. If you don't smell gas, proceed to step 5.
5. Using either the Remote Handset, or the optional Wall Switch, simultaneously press the "ON" ⏻ and "High Flame" ⬆ buttons. An audible signal confirms the start sequence has begun.
6. Continuing beeps confirm the ignition is in process. Once lighting the pilot flame should appear as shown in Fig.2. Once the pilot is confirmed, the main burner ignites on high.

NOTE: If the pilot does not stay lit after several tries, proceed to step 9.

7. Use the flame height adjustment buttons on either the Remote Handset or the optional Wall Switch to adjust the flame. Press the ⬇ button twice to decrease the flame height to its lowest setting, press the ⬆ button twice to increase flame height to the highest setting. Pressing the ⬆ or ⬇ button once will modulate the flame to intermediate settings. The Remote Handset can also be used to control the appliance thermostatically.
8. Press and hold the ⬇ button on the Remote Handset or optional Wall Switch to set the appliance to Pilot flame only.
9. If the appliance will not operate, follow the instructions "TO TURN OFF GAS TO THE APPLIANCE" and call your gas service technician or gas supplier.

TO TURN OFF GAS TO THE APPLIANCE

1. To turn off gas to the appliance, push and release the "OFF" ⏻ button on either the Remote Handset or the optional Wall Switch. An audible signal will confirm.
2. TO TURN OFF THE GAS SUPPLY TO THE APPLIANCE, close the shut-off valve on the gas supply line to the appliance.

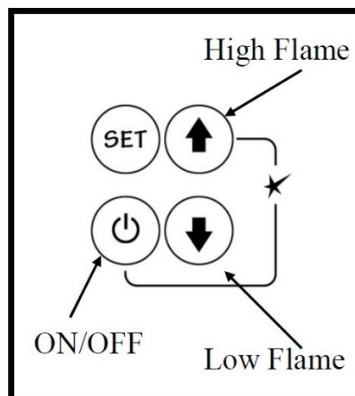


FIG. 1

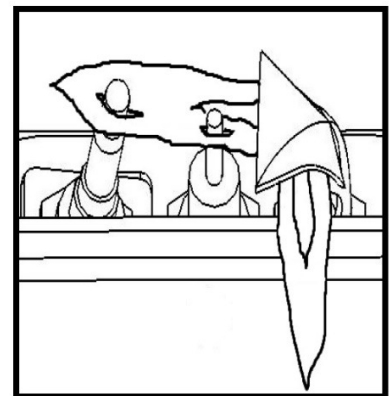


FIG. 2

LIGHTING & OPERATION

OPERATING YOUR FIREPLACE FOR THE FIRST TIME

When operating your new fireplace for the first time, some vapors may be released due to the curing compounds used in the manufacture of the appliance. They may cause a slight odor and could cause the flames to be the full height of the firebox, or even slightly higher, for the first few hours of operation. It is also possible that these vapors could set off and smoke detection alarms in the immediate vicinity. These vapors are quite normal on new appliances. We recommend opening a window to vent the room during the burn off period. After a few hours use, the vapors will have disappeared and the flames will be at their normal height.

FLAME SUPERVISION DEVICE

For your safety, this appliance is fitted with a flame supervision device which will shut-off the gas supply if, for any reason, the pilot flame goes out. This device incorporates a fixed probe, which senses the heat from the pilot flame. If the probe is cool, the device will prevent any gas flow unless manually lighting the pilot. See full lighting instructions. Periodically check the pilot and burner flames, comparing them to figure 2 on the preceding page, and the image at the bottom of this page.

LIGHTING, OPERATION, AND RATING INFORMATION

The Lighting, Operation and Rating information is located on a plate on the RH side of the firebox.



To access the plate, remove the surround and grab the plate and slide it up to read it. There is important information on both sides of the plate.

SERVICING

If any attention is required for your appliance, contact your dealer quoting the model number. It will be helpful if the appliance's serial number can also be quoted. This number is on the rating plate, which is located under the burner. The replacement parts are shown at the end of this manual. Please always quote the part number and description when requesting spare parts.

FIREPLACE CONTROL DEVICES

There are two ways to control your fireplace.

1. Thermostatic Remote Control (M46-507)
2. Optional Wall Switch (M46-505)

The Thermostatic Remote Control can be programmed to function automatically—see pages 21-27.

The Wall Switch (optional) can be used to turn the flame on, off, and to increase or decrease the flame height—see M46-505 —Wall Switch Kit.

NOTE: The remote control in the AUTO mode will override the optional wall switch.



Programmable Thermostatic Remote Control (M46-507)



Wall Switch (M46-505) (optional)



REMOTE HANDSET OPERATION

SÓLAS REMOTE HANDSET

Please note the images of the remote handset on pages 22-27 of this manual depict the Maxitrol GV60 Remote Control, although the profile of the remote depicted is different from the one included with your fireplace, the buttons and operation of the remote is the same.

Follow the instructions in the manual using these guidelines:

- The large flame button 🔥 as seen in the manual's images is equivalent to the up arrow on your remote ↑
- The small flame button 🔥 as seen in the manual is equivalent to the down arrow on your remote ↓



GV60 Remote Control shown in this Manual



GV60 Remote Control supplied with your fireplace

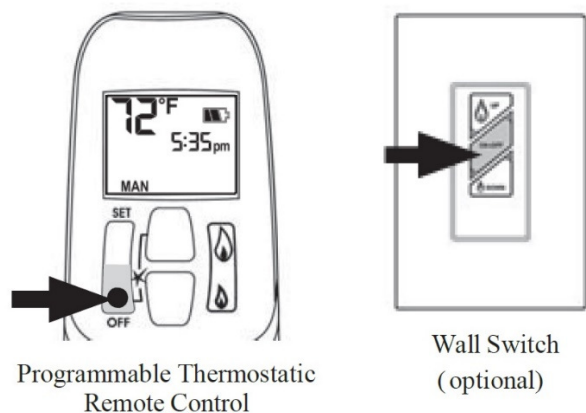
REMOTE HANDSET OPERATION

HOW TO TURN YOUR FIREPLACE OFF (INCLUDING PILOT)

Familiarize yourself with each of these methods before operating your fireplace.

Handset and Wall Switch: Press and hold the OFF button for a second (either on the handset or the wall switch).

If the flames are on, they go down and you hear the valve motor wind down. You hear a clunk and a beep indicating that the valve has received the signal from the remote control.



HOW TO ENSURE YOUR FIREPLACE CANNOT BE TURNED ON INADVERTENTLY

You can use the following method to ensure that your fireplace will not turn on when you don't want it on.

First, ensure your replace is turned off—including the pilot—and cold BEFORE going ahead.

- Close the shut-off valve on the gas supply line to the appliance.
- Remove all batteries from the receiver as well as the battery from the handset.

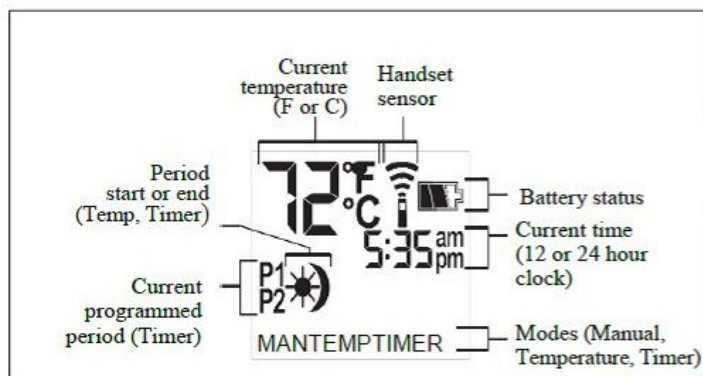
Automatic Shut-Off (in certain conditions)

Your fireplace's remote control is equipped with an automatic shut-off mechanism which is activated in certain conditions. See page 27 in the *Remote Control Operation* section for a description of this feature.

NOTE: Before using the remote control system for the first time, the receiver and the handset are synchronized at the factory. See the section *Remote Control Initial Set-up* on page 24 of this manual if the receiver and handset lose synchronization.

IMPORTANT: BEFORE YOU BEGIN, please note that on this system, the settings of time, temperature and automatic ON/OFF can only be programmed when the function display is flashing. Be patient when programming as it can take a few seconds to set.

REMOTE HANDSET OPERATION

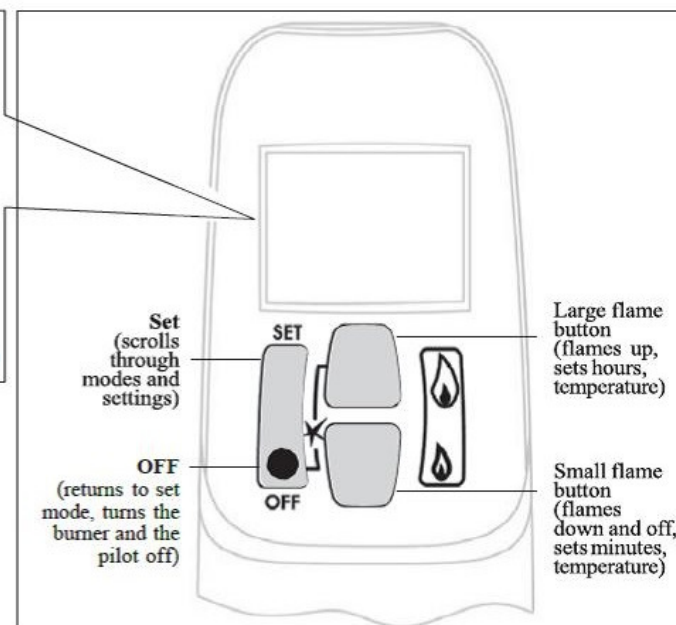


Display Overview

Note: In the TEMP or TIMER modes, the remote handset senses the room temperature and adjusts the flame accordingly.

To communicate, the handset should be within 15 feet (4.5 meters) of the fireplace.

Do not leave the handset on the hearth, mantel, or on top of the fireplace.




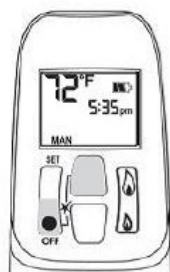
Handset Overview


TO TURN ON APPLIANCE

CAUTION

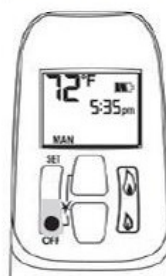
When pilot ignition is confirmed, motor turns automatically to maximum flame height.

- On the valve, turn MAN knob on the ON, full counterclockwise  position.



- Simultaneously press the OFF and  (large flame) buttons until a short beep confirms the start sequence has begun; release buttons.
- Continuing beeps confirm the ignition is in process.
- Once pilot ignition is confirmed, there is main gas flow.
- After main burner ignition the handset will automatically go into manual (MAN) control mode.


TO TURN OFF APPLIANCE



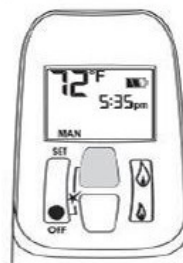
- Press OFF button.


When the pilot is off, it will take 2 minutes before it can be lit again.

STANDBY MODE (Pilot Flame)

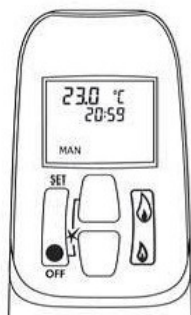
- Press and hold  (small flame) to set appliance at pilot flame




FLAME HEIGHT ADJUSTMENT



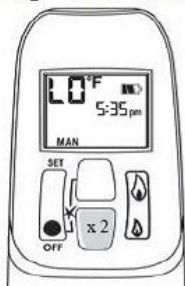
- In standby mode: Press and hold  (large flame) button to increase flame height.


REMOTE HANDSET OPERATION

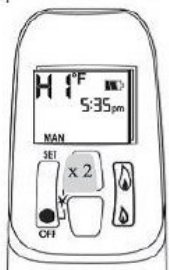



- Press and hold  (small flame) button to decrease flame height or to set the appliance at pilot flame.
- For fine adjustment tap the  (large flame) or  (small flame) buttons.

Express Low and High Fire

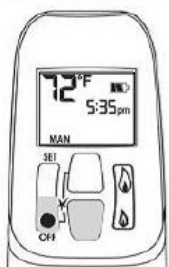



- Double-click  (small flame) button. "LO" will be displayed. NOTE: Flame goes to high fire first before going to designated low fire.



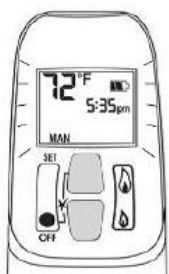
- Double-click  (large flame) button. Flame automatically goes to high fire. "HI" will be displayed.





SETTING °C/24-HOUR OR °F/12-HOUR



- In MAN mode, press OFF
- and  (small flame) buttons until display changes from Fahrenheit/12-hour clock to Celsius/24-hour clock and vice versa.

SETTING THE TIME

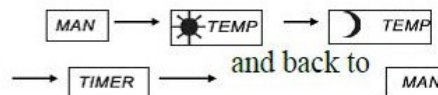




- The time display will flash after either:
 - » Installing the battery or
 - » Simultaneously pressing the  (large flame) and  (small flame) buttons
- Press  (large flame) button to set the hour.
- Press  (small flame) button to set the minute.
- Press OFF or simply wait to return to MAN mode.

MODES OF OPERATION



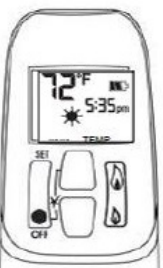
- Briefly pressing the SET button changes the mode of operation in the following order:




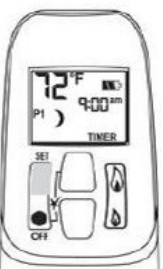
NOTE: Manual mode can also be reached by pressing either the  (large flame) or the  (small flame) buttons.




- **MAN** - **Manual Mode** - Manual Flame Height Adjustment.



-  **TEMP** - **Daytime Temperature Mode** (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.



-  **TEMP** - **Daytime Temperature Mode** (Appliance must be in standby mode; pilot ignited) - The room temperature is measured and compared to the set temperature. The flame height is then automatically adjusted to achieve the Daytime Set Temperature.




- **TIMER** - **Timer Mode** (Appliance must be in standby mode; pilot ignited) - The timers P1 and P2 (Program 1, Program 2) each can be programmed to go ON and OFF at specific times. For instructions see Timer Programming Mode.

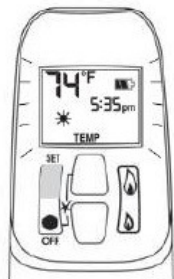
NOTE: The display shows the set temperature every 30 seconds.


REMOTE HANDSET OPERATION

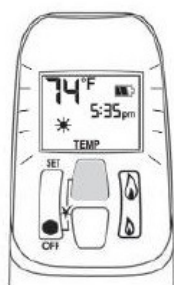
SETTING THE ON / OFF TEMPERATURES



SETTING THE “DAYTIME” TEMPERATURE

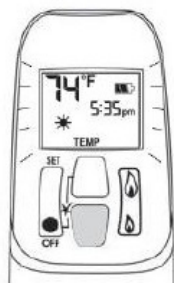
Default Settings:  TEMP (sun), 23°C / 74°F





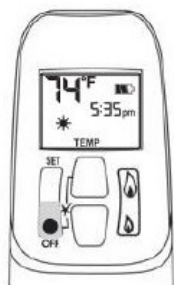
- Briefly press SET button to scroll to TEMP  TEMP (sun) mode. Hold the SET button until the TEMP flashes.



- Press  (large flame) button to increase the  ytime Set Temperature.




- Press  (small flame) button to decrease  Daytime Set Temperature.




- Press OFF or simply wait to complete programming.



SETTING THE “NIGHTTIME SETBACK” TEMPERATURE

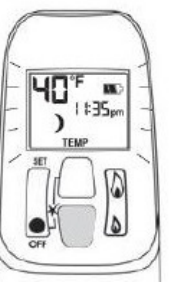
Default Settings:  TEMP (moon), “- -” (OFF)





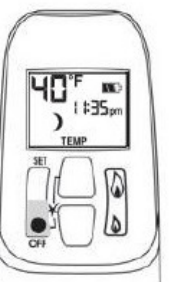
- Briefly press SET button to scroll to TEMP  TEMP (moon) mode. Hold the SET button until the TEMP flashes.



- Press  (large flame) button to increase  Nighttime Setback Temperature.



- Press  (small flame) button to decrease  Nighttime Setback Temperature.



- Press OFF or simply wait to complete programming.

Tip

Set the different parameters when they are flashing.

REMOTE HANDSET OPERATION

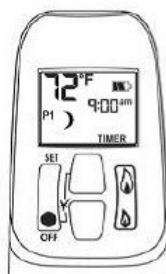
SETTING PROGRAM TIMERS

- You can program two periods of time between 12:00 am and 11:50 pm in each 24-hour cycle.
- The Programs P1 and P2 must be set in the following order during a 24-hour cycle: P1 ☀, P1 🌙, P2 ☀ and P2 🌙.
- The icon ☀ indicates the beginning of the period (ON) and the icon 🌙 indicates the end of the period (OFF).
- If P1 ☀ = P1 🌙, P2 ☀ = P2 🌙 the programming is cancelled.
- To keep the fireplace ON all night, set P2 🌙 at 11:50 am and P1 ☀ at 12:00 am.

Default settings:

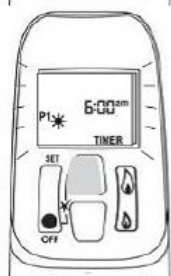
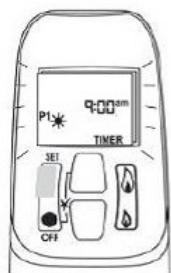
Program 1: P1 ☀ 6:00 am P1 🌙 8:00 am
 Program 2: P2 ☀ 11:50 pm P2 🌙 11:50 pm

- Briefly press SET button to scroll to TIMER mode.

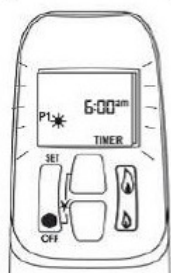


SETTING P1 ON TIME

- Hold the SET button until P1 ☀ (sun) is displayed and the time flashes.



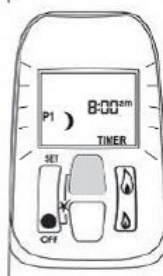
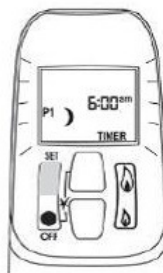
- Press 🔥 (large flame) button to set the hour.



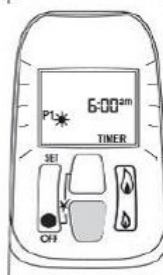
- Press 🔥 (small flame) button to set the minutes.

SETTING P1 OFF TIME

- Briefly press SET button to scroll to TIMER P1 🌙 (moon) while the time flashes.



- Press 🔥 (large flame) button to set the hour.



- Press 🔥 (small flame) button to set the minutes.

SETTING P2 ON TIME

- Briefly press SET to scroll to TIMER mode P2 ☀ (sun) while the time flashes.
- Follow the instructions given to set P1 ON time.

SETTING P2 OFF TIME

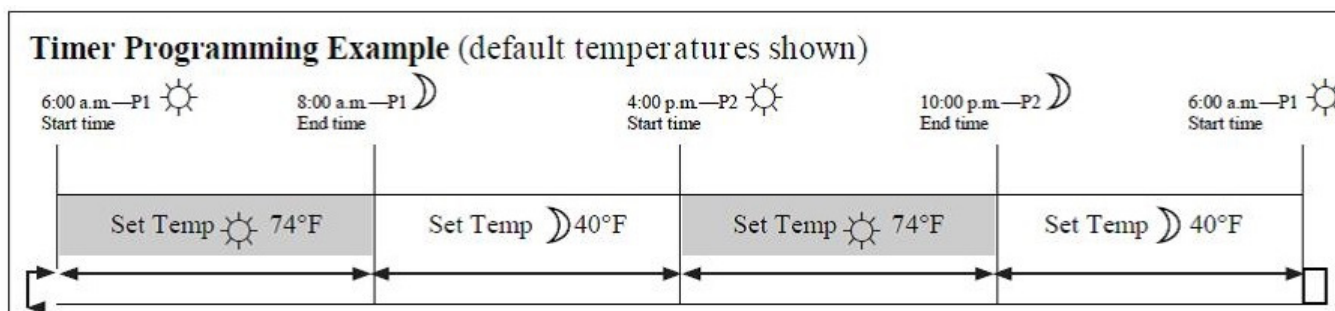
- Briefly press SET to scroll to TIMER mode P2 🌙 (moon) while the time flashes.
- Follow the instructions given to set P1 OFF time.

Press OFF button to save these settings. The timers are programmed. See the diagram on programming sequences on the following page.

Tip

If you want to program only one period, program P1 ☀ and P1 🌙 with desired times and program P2 🌙 and P2 ☀ with the same time as P1 🌙.

REMOTE HANDSET OPERATION



AUTOMATIC TURN DOWN

- **No communication.** If there is no communication between the receiver and the handset for a period of 6 hours, the appliance goes into pilot mode.
- **No change in flame height.** If there is no change in flame height for a period of 6 hours, the appliance goes into pilot mode.

NOTE: In **TEMP** or **TIMER** modes, the flame height will vary according to room temperature. The appliance will continue to work normally. However, if the room temperature remains the same for 6 hours, the appliance will go into pilot mode.

AUTOMATIC SHUT OFF

- **Low batteries in the receiver.** With low

battery power in the receiver the system shuts off completely.


NOTE: This does not apply when the power supply is interrupted.

No change in pilot. The appliance shuts off completely when it is continually in pilot position—without any change—for a period of 5 days.

LOW BATTERY INDICATION

CAUTION

DO NOT USE a screwdriver or other metallic object to remove the batteries from the battery box or the handset! This could cause a short circuit.

Remote handset: The battery icon  will show when the battery needs to be replaced. Replace with one 3 “AAA” **alkaline** batteries.

Receiver: Three short ‘beeps’ will sound when the motor turns when the batteries need to be replaced. Replace with four 1.5 V **alkaline** batteries.

HANDSET / RECEIVER MATCH

The remote control handset and receiver are programmed to function together. In case of a replacement of the handset or the receiver, you will need to reset the receiver to allow them to function together. Contact your dealer for details.

MAINTENANCE

ANNUAL MAINTENANCE

A qualified service agency should conduct an annual inspection and maintenance of your SÓLAS Wall Mount Vent Free Gas Fireplace including the overall installation and venting to keep it running safely. The following procedures should be performed only by a qualified service person. The gas supply should be turned off and the stove should be completely cool whenever a maintenance procedure is performed. All parts of the appliance that are removed for servicing must be replaced prior to operation.

This appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive dust or lint from carpeting, bedding materials, pets, etc. It is imperative that control compartments and circulating air passageways of this appliance be kept clean.

CLEANING THE BURNER AND FIREBOX

During the annual inspection and maintenance appointment, the service person should clean the burner and firebox. To gain access to the firebox and burner, follow the instructions beginning on page 18 of this manual.

DO NOT USE A VACUUM CLEANER TO CLEAN THE GLASS BURNER MEDIA.

A vacuum cleaner may be used to clean the metal parts of the firebox. Leave the glass burner media in place. Use a soft brush to clean the burner glass media. If the burner media does need to be removed, carefully scoop it off the burner and avoid dropping glass pieces in the air gaps around the burner. Follow the instructions on page 16 of this manual when replacing the burner media on the burner top.

AIR FLOW

The SÓLAS Wall Mount Vent Free Gas Fireplace utilizes a convection air heat exchange system to maximize heat delivered from the fire-place. It is important that air flows freely through the convection air system and out the top and side air grills. Do not place objects under the fireplace that will block the convection air inlet flow or in front of any air outlet.

CLEANING THE GLOSS BLACK ENAMEL PANELS

After allowing the Fireplace to cool, use an ammonia-free glass cleaner and a soft, clean cloth to clean the Enamel Panels at the rear and side of the firebox. It is recommended that the Enamel Panels be cleaned at least annually to avoid discoloration. More frequent cleaning may be required if contaminants are present in the gas supply or general atmosphere.

WARNING: Never clean the Enamel Panels while they are hot. Do not use abrasive cleaners or cleaners containing ammonia.

NOTE: It is recommended that a Micro-fiber cleaning cloth be used to clean the enamel panels.

WARNING: Failure to keep the primary air openings of the burner clean may result in sooting and property damage.

MAINTENANCE LOG

We strongly recommend that you keep a log of the regular maintenance that is performed on your fireplace. We have provided the forms below to make it easy. Simply ask your qualified service person to fill out one of the maintenance record forms below, each time the fireplace is serviced. This will help insure that all of the required maintenance procedures have been completed, at least annually. Regular maintenance will help keep the fireplace functioning in a safe and reliable manner. Additional forms are available from your installer or service person when needed.

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

Date of Service _____
 Serviced By _____
Service Performed
☐ Clean Burner & Firebox
☐ Clean Control Area
☐ Clean Convection Air System
☐ Leak Test Gas Connections
☐ Other _____

REPLACEMENT PARTS LIST

GENERAL REPLACEMENT PARTS

PART NAME	P/N	PART NAME	P/N
Natural Gas (NG) ODS Pilot	VF-401	TC Line Red	M46-701
Propane (LP) ODS Pilot Assembly	VF-402	TC Line Yellow	M46-702
Receiver Module (Maxitrol)	M46-504	Thermocouple Interrupter Block	M46-703
Wall Switch Panel (Optional)	M46-505	8-Wire Connecting Cable	M46-704
Remote Handset (Maxitrol)	M46-507	Gas Valve (Maxitrol)	M46-515

ONE6 VF - REPLACEMENT PARTS

PART NAME	P/N	PART NAME	P/N
Burner Orifice (NG)	NGVF-16	Firebox Enamel Panel - Rear	16VF-201
Burner Orifice (LP)	LPVF-16	Firebox Enamel Panel - Left	16VF-202
Burner Glass Media (Clear/Mixed)	16VF-200	Firebox Enamel Panel - Right	16VF-203
Burner Module (NG)	16VF-301	Burner Module (LP)	16VF-302

TWENTY6 VF - REPLACEMENT PARTS

PART NAME	P/N	PART NAME	P/N
Burner Orifice (NG)	NGVF-26	Firebox Enamel Panel - Rear	26VF-201
Burner Orifice (LP)	LPVF-26	Firebox Enamel Panel - Left	26VF-202
Burner Glass Media (Clear/Mixed)	26VF-200	Firebox Enamel Panel - Right	26VF-203
Burner Module (NG)	26VF-301	Burner Module (LP)	26VF-302

FORTY6 VF - REPLACEMENT PARTS

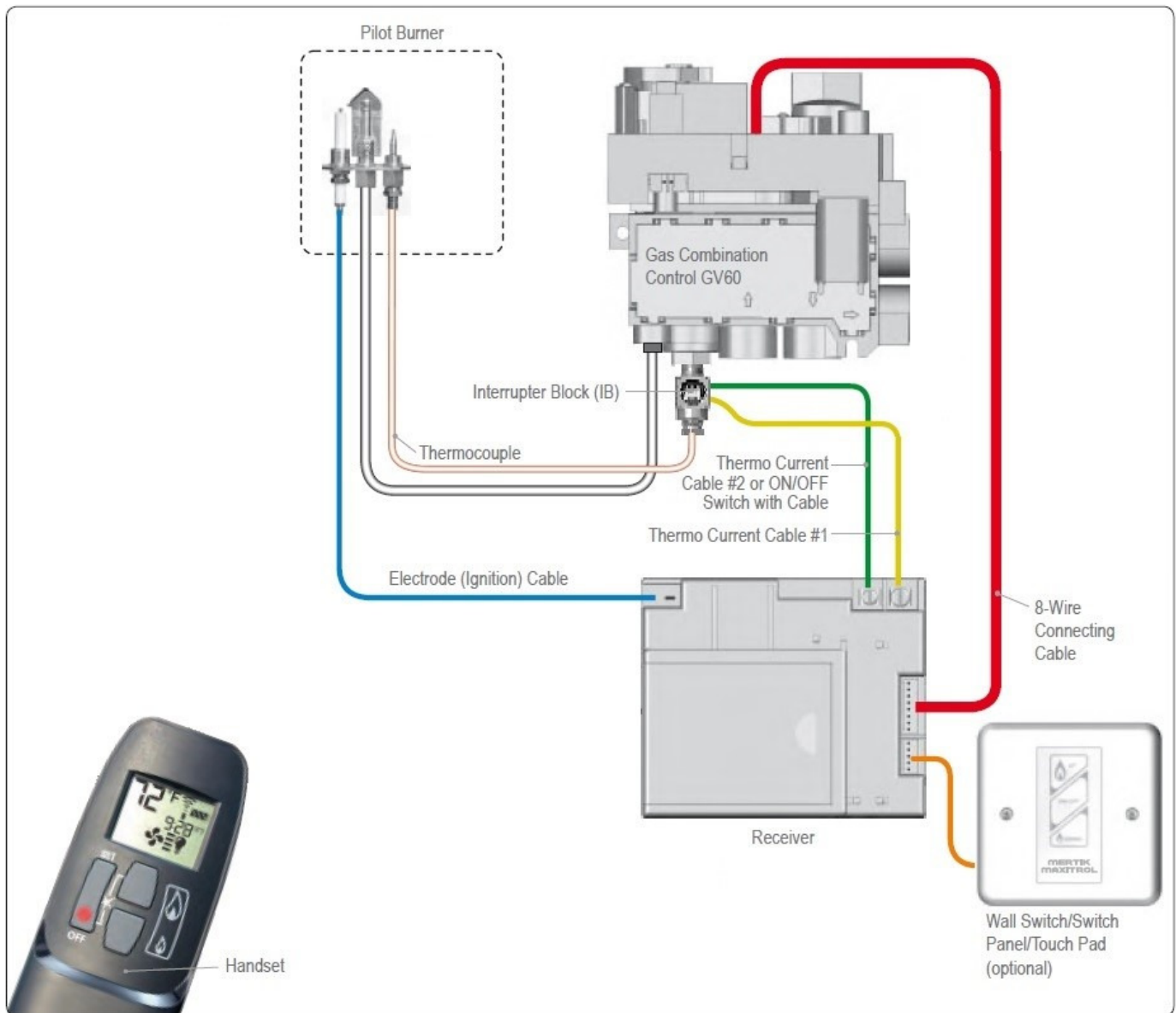
PART NAME	P/N	PART NAME	P/N
Burner Orifice (NG)	NGVF-46	Firebox Enamel Panel - Rear	46VF-201
Burner Orifice (LP)	LPVF-46	Firebox Enamel Panel - Left	46VF-202
Burner Glass Media (Clear/Mixed)	46VF-200	Firebox Enamel Panel - Right	46VF-203
Burner Module (NG)	46VF-301	Burner Module (LP)	46VF-302

For replacement parts and customer service contact your SÓLAS dealer or:

SÓLAS, LLC
 452 Sunapee Street
 Newport, NH 03773

(T) 603-298-5169
 (F) 603-298-9246
sales@solasfires.com

CONTROL SCHEMATIC



Caution: Label all wires prior to disconnection when servicing the controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

INSTALLATION RECORD

The installer should complete the form below that describes the details of the installation. Having this written record of installation information available will greatly expedite trouble-shooting should any problem arise with your stove. The installer should keep a duplicate of this form for their records.

Date Purchased: _____

Dealer: _____

Date Installed: _____

Installer: _____

Fireplace Model: (circle one) ONE⁶ VF TWENTY⁶ VF FORTY⁶ VF

Serial Number: _____ in. WC

Fuel: (circle one) Natural Gas (NG) Propane (LP)

Inlet Pressure (after installation): _____

Manifold Pressure (after Installation): High Fire: _____ in. WC

Low Fire: _____ in. WC

Altitude: (feet above sea level) _____

Was the stove de-rated? (circle one) Yes No

If the stove was de-rated, to what orifice size? _____

Other installation notes: _____

WARRANTY INFORMATION

THE WARRANTY

SÓLAS, LLC, a division of Progressive Manufacturing, Inc. ("SÓLAS"), Limited Lifetime Warranty warrants your SÓLAS brand gas fireplace ("Product") to be free from defects in materials and workmanship at the time of manufacture. The Product body and firebox carry the Limited Lifetime Warranty on workmanship defects causing loss of structural integrity. Ceramic glass carries the Limited Lifetime Warranty against thermal breakage only. After installation, if covered components manufactured by SÓLAS are found to be defective in material or workmanship during the Limited Lifetime Warranty period and while the Product remains at the site of the original installation, SÓLAS will, at its option, repair or replace the covered components. If repair or replacement is not commercially practical, SÓLAS will, at its option, refund the purchase price or wholesale price of the SÓLAS product, whichever is applicable. SÓLAS will also pay their prevailing labor rates, as determined in its sole discretion, incurred in repairing or replacing such components during the warranty period. THERE ARE EXCLUSIONS AND LIMITATIONS to this Limited Lifetime Warranty as described herein.

COVERAGE COMMENCEMENT DATE

Warranty coverage begins on the date of installation. The warranty shall commence no later than 24 months following the date of product shipment from SÓLAS, regardless of the installation date.

EXCLUSIONS AND LIMITATIONS

This Limited Lifetime Warranty applies only if the Product is installed in the United States or Canada and only if operated and maintained in accordance with the printed instructions accompanying the Product and in compliance with all applicable installation and building codes and good trade practices.

This warranty is non-transferable and extends to the original owner only. The Product must be purchased through a listed supplier of SÓLAS and proof of purchase must be provided. The Product body and firebox carry the Limited Lifetime Warranty. The following do not carry the Limited Lifetime Warranty, but are warranted as follows:

- **Burner** – Repair or replacement for three years from date of installation.
- **Gas components & electrical components** – Repair or replacement for one year from date of installation.
- **Blowers & remote controls** – Repair or replacement for one year from the date of installation.
- **Porcelain Firebox Liners** – Replacement for one year against cracking or breakage due to thermal stress from date of installation. Excludes surface and hairline cracks and scratches or slight color changes that do not affect the operation or safety of the unit.
- **Gaskets** – Repair or replacement for one year from the date of installation.
- **Surrounds** – Replacement for one year against cracking or breakage due to thermal stress. Excludes surface and hairline cracks and scratches or slight color changes that do not affect the operation or safety of the unit.
- **Labor coverage** – Prevailing SÓLAS rates apply for the warranty period of the component. SÓLAS will not be liable for travel costs for service work.

SÓLAS will not be responsible for: (a) damages caused by normal wear and tear, accident, riot, fire, flood, or acts of God; (b) damages caused by abuse, negligence, misuse, or unauthorized alteration or repair of the Product affecting its stability or performance. The Product must be subjected to normal use. The product is designed to burn either natural or propane gas only. Burning conventional fuels such as wood, coal or any other solid fuel will cause damage to the Product, will produce excessive temperatures and could result in a fire hazard. (c) Damages caused by failing to provide proper maintenance and service in accordance with the instructions provided with the Product; (d) damages, repairs or inefficiency resulting from faulty installation or application of the Product.

Discoloration and some minor expansion, contraction, or movement of certain parts and resulting noise is normal and not a defect, and, therefore, not covered under warranty. The installer must ensure the appliance is burning as per the rating tag at the time of installation. Over-firing (operation above the listed BTU rate) of this appliance can cause serious damage and will nullify this warranty.

This warranty is void if:

- The unit has been operated in atmospheres contaminated by chlorine, fluorine or other damaging chemicals.
- The unit is subject to submersion in water or prolonged periods of dampness or condensation.
- Any damage to the unit, combustion chamber, heat exchanger or other components due to water or weather damage which is the result of, but not limited to improper chimney/venting installation.

Damage to stainless steel, gold, nickel or porcelain enameled surfaces caused by fingerprints, scratches, melted items, or other external sources left on these surfaces from the use of cleaners is not covered in this warranty.

SÓLAS is not responsible for inadequate fireplace system draft caused by air conditioning and heating systems, mechanical ventilation systems, or general construction conditions which may generate negative pressure in the room in which the appliance is installed. Additionally, SÓLAS assumes no responsibility for drafting conditions caused by venting configurations, adjoining trees or buildings, adverse wind conditions or unusual environmental factors and conditions that affect the operation of the unit.

This Limited Lifetime Warranty covers only parts and labor as provided herein. In no case shall SÓLAS be responsible for materials, components, or construction, which are not manufactured or supplied by SÓLAS or for the labor necessary to install, repair, or remove such materials, components, or construction. Additional utility bills incurred due to any malfunction or defect in equipment are not covered by this warranty. All replacement or repair components will be shipped F.O.B. from the nearest stocking SÓLAS facility.

LIMITATION ON LIABILITY

It is expressly agreed and understood that SÓLAS' sole obligation and the purchaser's exclusive remedy under this warranty, under any other warranty, expressed or implied, or in contract, tort or otherwise, shall be limited to replacement, repair, or refund, as specified herein.

In no event shall SÓLAS be liable for any incidental or consequential damages caused by defects in the Product, whether such damage occurs or is discovered before or after repair or replacement, and whether such damage is caused by SÓLAS' negligence. SÓLAS has not made and does not make any representation or warranty of fitness for a particular use or purpose, and there is no implied condition of fitness for a particular purpose.

SÓLAS makes no expressed warranties except as stated in this Limited Lifetime Warranty. The duration of any implied warranty is limited to the duration of this expressed warranty.

No one is authorized to change this Limited Lifetime Warranty or to create for SÓLAS any other obligation or liability in connection with the Product. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. The provisions of this Limited Lifetime Warranty are in addition to and not a modification of or subtraction from any statutory warranties and other rights and remedies provided by law.

INVESTIGATION OF CLAIMS AGAINST WARRANTY

SÓLAS reserves the right to investigate any and all claims against this Limited Lifetime Warranty and to decide, in its sole discretion, upon the method of settlement.

To receive the benefits and advantages described in this Limited Lifetime Warranty, the appliance must be installed and repaired by a licensed contractor approved by SÓLAS.

Contact SÓLAS at the address provided herein to obtain a listing of approved dealers/distributors. **SÓLAS shall in no event be responsible for any warranty work done by a contractor that is not approved without first obtaining SÓLAS' prior written consent.**

HOW TO REGISTER A CLAIM AGAINST WARRANTY

In order for any claim under this warranty to be valid, you must contact the SÓLAS dealer/distributor from which you purchased the product. If you cannot locate the dealer/distributor, then you must notify SÓLAS in writing. SÓLAS must be notified of the claimed defect in writing within 90 days of the date of failure. Notices should be directed to the SÓLAS Warranty Department at 452 Sunapee Street, Newport, NH 03773 or visit our website at www.solasfires.com/warranty.

SÓLAS, LLC

452 Sunapee Street
Newport, NH 03773

(T) 603-298-5169

(F) 603-298-9246

www.solasfires.com



RECORD YOUR PRODUCT INFORMATION

Model #: _____ Serial Number: _____

Date Purchased: _____ Date Installed: _____

SÓLAS
CONTEMPORARY FIRE

Manufactured by:

Progressive Manufacturing Inc.
452 Sunapee Street
Newport, NH 03773
USA
solasfires.com